

E10 Unleaded and Your Car

Panel Discussion

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Presented by:

**Robert E. Reynolds
President**

**Downstream Alternatives Inc.
1657 Commerce Dr.
Suite 20B
South Bend, IN 46628**



Ethanol Use

- ☐ Over one third of all gasoline sold in the U.S. contains Ethanol
- ☐ 4.7 billion gallons of E-blends
- ☐ Available in nearly every state
- ☐ Only fuel in some states/areas
- ☐ 63,000 retail outlets offer E10 or a similar blend
- ☐ 940 billion miles driven on ethanol blends in 2005 – equivalent to circling the earth 38 million times
- ☐ Dozens of other countries have fuel ethanol programs

The Auto Manufacturers

Every auto manufacturer permits the use of E10 in their vehicles.

**WHY WAIT?
CLEANER GASOLINE IS HERE TODAY.**

**AND EVERY GM CAR OR TRUCK
ON THE ROAD CAN USE IT.
WITHOUT EVER MISSING A BEAT.**

We led the advance to unleaded gasoline and gasoline blended with MTBE and ethanol to reduce carbon monoxide emissions. And we're out in front on other fuel alternatives, like alcohols, compressed natural gas, and electricity. In the past we've recommended improved fuels far in advance of federal regulations. Now we're doing it again.



Auto Manufacturer Warranty Excerpts

Ford: Cleaner air - Ford endorses the use of reformulated “cleaner-burning” gasolines to improve air quality.

GM: Gasolines containing oxygenates, such as ethers and ethanol, and reformulated gasolines, may be available in your area to contribute to clean air. General Motors recommends the use of such gasolines, particularly if they comply with the specifications described previously.

Chrysler: Gasoline/Oxygenate Blends - Some fuel suppliers blend unleaded gasoline with oxygenates such as 10% ethanol, MTBE, and ETBE. Oxygenates are required in some areas of the country during the winter months to reduce carbon monoxide emissions. Fuels blended with these oxygenates may be used in your vehicle.



Auto Manufacturer Warranty Excerpts Con't.

BMW: Fuels containing up to and including 10% ethanol or other oxygenates with up to 2.8% oxygen by weight (i.e. 15% MTBE or 3% methanol) plus an equivalent amount of co-solvent) will not void the applicable warranties with respect to defects in materials or workmanship.

Honda: ETHANOL (ethyl or grain alcohol) - You may use gasoline containing up to 10 percent ethanol by volume.

Hyundai: Gasohol (a mixture of 90% unleaded gasoline and 10% ethanol or grain alcohol) may be used in your Hyundai.

Mazda: Gasoline blended with oxygenates such as alcohol or ether compounds are generally referred to as oxygenated fuels. The common gasoline blend that can be used with your vehicle is ethanol blended at no more than 10%.

Auto Manufacturer Warranty Excerpts Con't.

Mercedes: Unleaded gasoline containing oxygenates such as Ethanol, IPA, IBA, and TBA can be used provided the ratio of any one of these oxygenates to gasoline does not exceed 10%, MTBE not to exceed 15%.

Toyota: Toyota allows the use of oxygenate blended gasoline where the oxygenate content is up to 10% ethanol or 15% MTBE. If you use gasohol in your Toyota, be sure that it has an octane rating no lower than 87.

VW/Audi: Use of gasoline containing alcohol or MTBE (methyl tertiary butyl ether)

You may use unleaded gasoline blended with alcohol or MTBE (commonly referred to as oxygenates) if the blended mixture meets the following criteria:
Blend of gasoline and ethanol (grain alcohol or ethyl alcohol) -Antiknock index must be 87 AKI or higher. -Blend must not contain more than 10% ethanol.

